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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/403,938	01/20/2000	HEIKO DASSOW	2345/101	7873

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EXAMINER

BOUTAH, ALINA A

ART UNIT	PAPER NUMBER
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2143

DATE MAILED: 12/04/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/403,938	Applicant(s) DASSOW ET AL.	
	Examiner Alina N. Boutah	Art Unit 2143	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 September 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 12-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 12-24 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>09/25/06</u> | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

This action is in response to Applicant's amendment filed September 18, 2006. Claims 12-23 are pending in the present application.

Information Disclosure Statement

The information disclosure statement (IDS) submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Specification

The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Art Unit: 2143

Claims 12-17 and 20 are rejected under 35 U.S.C. 102(b) as being unpatentable over USPN 5,278,955 issued to Forte et al. (hereinafter referred to as Forte) in view of USPN 5,966,663 issued to Gleason.

Regarding claim 12, Forte teaches a method for transmitting information, comprising the steps of: using a data structure that is defined by a formal language called Abstract Syntax Notation One (col. 8, lines 9-12 and lines 59-60; col. 10, lines 5-10); and transmitting the information encoded as text (figure 8; col. 9, lines 19-63). However, Forte does not explicitly teach wherein the encoded text is decodable without accessing a reference to an internal Abstract Syntax Notation One definition.

In an analogous art, Gleason teaches an encoded text being decodable without accessing a reference to an internal Abstract Syntax Notation One definition (col. 22, lines 16-31). At the time the invention was made, one of ordinary skill in the art would have been motivated to decode text without accessing a reference to an internal Abstract Syntax Notation One definition because this mechanism is well known, easily implemented, and inexpensive (col. 22, lines 25-29).

Regarding claim 13, Forte teaches the method according to claim 12, wherein the step of transmitting includes the step of transmitting information encoded as plain text (col. 9, lines 19-63).

Art Unit: 2143

Regarding claim 14, Forte teaches the method according to claim 13, further comprising the step of: transmitting a designation of a data type with each piece of the transmitted information, the designation of the data type being defined by the formal language called Abstract Syntax Notation One (col. 8, lines 9-12 and lines 59-60; col. 10, lines 5-10).

Regarding claim 15, Forte teaches the method according to claim 14, wherein the step of transmitting the designation includes the steps of placing the designation in front of each piece of the transmitted information and separating the designation from each piece of the transmitted information by a predefined separator character (col. 11, lines 11-18).

Regarding claim 16, Forte teaches the method according to claim 15, wherein the step of separating the designation includes the step of separating the designation from each piece of the transmitted information by an equal sign (col. 11, lines 18, 23-24 and 28-29).

Regarding claim 17, Forte teaches the method according to claim 12, further comprising the step of: outputting a form of the encoded information by using a standard, readily available output facility (col. 2, lines 4-36).

Regarding claim 20, Forte teaches the method according to claim 12, further comprising the step of: creating an e-mail interface for transmitting the text-encoded information (figure 8A).

Art Unit: 2143

Regarding claim 22, Forte teaches the method according to claim 12, further comprising the steps of: automatically encoding and sending management information (col. 8, lines 59-60); and automatically receiving and decoding the management information (col. 12, lines 16-35).

Claims 18, 19 and 23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Forte in view of Goumillou (U.S. Patent No. 5,836,008).

In considering claim 18 and 19, while Forte discloses the system substantially as claimed Murphy does not disclose transmitting encoded information between a subscriber and a public telecommunications network, wherein the encoded information relates to management of public telecommunication networks and is transmitted via Common Management Information Protocol. Nonetheless, information transmission of telecommunications networks based on CMIP is well known as evidenced by Goumillou. In similar art, Goumillou discloses a system for transmitting information between a source and a receiver via a network connected to telecommunications equipment. Goumillou also discloses wherein the telecommunications equipment comprises for the internal transmission of management messages communication means based upon the Common Management Information Protocol (CMP). Thus a person having ordinary skill in the art would have recognized the desirability of including the information transmission based on the CMP in the telecommunication networks because the protocol governs the information management of telecommunications equipment. Therefore, the aforementioned limitation would have been an obvious modification to the system disclosed by Murphy.

Art Unit: 2143

Claim 23 has substantially the same limitation as those in claims 19 and 20, therefore rejected under the same rationale.

Claim 21 is rejected under 35 U.S.C. 103(a) as being unpatentable over Forte in view of Rigori (U.S. Patent No. 5,892,930).

In considering claim 21, Rigori further discloses the method further comprising the step of using encoding tables, the encoding tables being adaptable to character sets of transmitting systems (col. 5. lines 7-10).

Response to Arguments

Applicant's argument with respect to claim 12 has been considered but are moot in view of the new ground(s) of rejection.

Applicant argues that claim 23 recites features analogous to those of claim 12, which is directed to a method for transmitting information including using a data structure defined by Abstract Syntax Notation One, transmitting the information encoded as text, the encoded text being decodable without access to an internal Abstract Syntax Notation One definition. However, the last feature (the encoded text being decodable without...) is neither claimed nor amended to include this feature in claim 23.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alina N. Boutah whose telephone number is 571-272-3908. The examiner can normally be reached on Monday-Friday (9:00 am - 5:00 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A. Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2143

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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